

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANGELICA MEDINA-SELBY	07/17/2008
RECEIVING PARTY DATA	
Name:	NOVARTIS VACCINES AND DIAGNOSTICS, INC.
Street Address:	4560 Horton Street
City:	Emeryville
State/Country:	CALIFORNIA
Postal Code:	94608-2916
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	11918864
PCT Number:	US0614240
CORRESPONDENCE DATA	
Fax Number:	(510)923-3542
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(510)923-2192
Email:	kara.shure@novartis.com
Correspondent Name:	Helen Lee
Address Line 1:	4560 Horton Street
Address Line 4:	Emeryville, CALIFORNIA 94608-2916
ATTORNEY DOCKET NUMBER:	PP028084.0003
NAME OF SUBMITTER:	Kara Shure
Total Attachments: 3 source=ASSG Cov Sheet to INC#page1.tif source=ASSG INC#page1.tif source=ASSG INC#page2.tif	

CH \$80.00 11918864

PATENT

Atty Docket No.: PP028084.0003

To the Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

ANGELICA MEDINA-SELBY

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name:

NOVARTIS VACCINES AND DIAGNOSTICS, INC.
Corporate Intellectual Property – R338
4560 Horton Street
Emeryville, California 94608-2916
US

 Other

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement Other _____
 Government Interest Assignment
 Executive Order 9424, Confirmatory License

Execution Date(s): 07/17/2008

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____.
A. Patent Application No.(s)

US 11/918,864
filed April 14, 2006

PCT/US2006/014240
filed April 14, 2006

Additional number(s) attached Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

NOVARTIS VACCINES AND DIAGNOSTICS, INC.
Corporate Intellectual Property – X 100B
P.O. Box 8097
Emeryville, CA 94662-8097

6. Total number of applications and patents involved 1 2

7. Total fee (37 CFR 3.41)..... \$80.00
 Enclosed
 Authorized to be charged to deposit account,

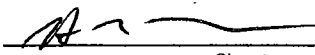
8. Deposit account number: 03-1664

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Helen Lee, Reg. No. 39,270  July 17, 2008
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 1 2 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I

ANGELICA MEDINA-SELBY

do hereby sell, assign and transfer to Novartis Vaccines and Diagnostics Inc., 4560 Horton St., Emeryville, CA 94608, (hereinafter referred to as the "**ASSIGNEE**") and its successors, assigns and legal representatives, all of my right, title and interest for all countries of the world in and to (1) all of my inventions and discoveries described in the patent application(s) titled

EXPRESSING HEPATITIS B VIRUS SURFACE ANTIGEN FOR VACCINE PREPARATION

and filed in the United States Patent and Trademark Office on April 14, 2006, and accorded Application Number US 11/918,864 and/or filed in the RO/DO/EO/US on April 14, 2006 and accorded International Patent Application Number PCT/US2006/014240, (2) the patent application(s) identified in (1), (3) all national stages of any international patent application identified in (1), (4) all other patent applications in all countries and regions claiming the priority of the provisional patent application filed in the United States Patent and Trademark Office, (5) for all patent applications, all rights of priority based upon the United States patent application identified in (4) in all countries and regions under the Paris Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory and, if the United States patent application identified in (4) is a provisional patent application, under 35 USC 119(e) (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEE** or their designees or in our names, at their election and in accordance with applicable law in all countries and regions), (6) all continuations and divisions of any United States patent application or international patent application designating the United States identified in (1), any national stages of any international application identified in (1) and any patent applications within the scope of (4) (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(4) and (6) hereinafter referred to collectively as "patent applications"), (7) all patents that are granted on any of said patent applications, (8) all registrations and confirmations of, and importation certificates based upon, one or more of said patents and applications for such registrations, confirmations and importation certificates and (9) all reissues, renewals and extensions of said patents, registrations, confirmations and importation certificates, reexamination certificates issued for said patents and supplementary protection certificates based upon said patents and applications for such reissues, renewals, extensions, reexamination certificates and supplementary protection certificates, the same to be held and enjoyed by said **ASSIGNEE** and their successors, assigns and legal representatives to the full ends of the terms for which said patents, registrations, confirmations, importation certificates, reexamination certificates, supplementary protection certificates, reissues, renewals and extensions may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

And we hereby covenant and agree that we will, at any time, (i) upon the request, but at the expense, of **ASSIGNEE** or their successors, assigns or legal representatives execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates, supplementary protection certificates and applications within the scope of (8) and (9) in **ASSIGNEE** or their successors, assigns or legal representatives, including the execution and procurement of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, (ii) upon the request, but at the expense, of **ASSIGNEE** or their successors, assigns or legal representatives execute all additional patent applications within the scope of (3), (4) and (6) and all applications within the scope of (8) or (9) and (iii) make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE** or their successors, assigns or legal representatives.

Executed this 17 day of July, 2008.

Angelica Medina-Selby

ANGELICA MEDINA-SELBY

[Signature]

WITNESS

[Signature]

WITNESS